



12/08/00

12/11/00

A

Box Sag

Customer No. 20350 12/08/00  
 TOWNSEND and TOWNSEND and CREW LLP  
 Two Embarcadero Center, 8<sup>th</sup> Floor  
 San Francisco, California 94111-3834  
 (206) 467-9600

**ASSISTANT COMMISSIONER FOR PATENTS  
 BOX PATENT APPLICATION  
 Washington, D.C. 20231**

Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) is the  
 patent application of  
 continuation patent application of  
 divisional patent application of  
 continuation-in-part patent application of

Attorney Docket No. 15280-404100US

Client Ref No. E-099-99/1

"Express Mail" Label No. EK470925030US

Date of Deposit: December 8, 2000

I hereby certify that this is being deposited with the United States  
 Postal Service "Express Mail Post Office to Addressee" service  
 under 37 CFR 1.10 on the date indicated above, addressed to:

Assistant Commissioner for Patents  
 Box Patent Application  
 Washington, D.C. 20231

By:

jc945 U.S.P.T.O.  
 09/733692  
 12/08/00

Inventor(s)/Applicant Identifier: Brian R. Murphy, Peter L. Collins, Alexander C. Schmidt, Anna P. Durbin, Mario H. Skiadopoulos, and Tao Tao

**For: USE OF RECOMBINANT PARAINFLUENZA VIRUSES (PIVS) AS VECTORS TO PROTECT AGAINST INFECTION  
 AND DISEASE CAUSED BY PIV AND OTHER HUMAN PATHOGENS**

- This application claims priority from each of the following Application Nos./filing dates:  
60/170,195 filed December 10, 1999 the disclosure of which is incorporated by reference.  
 Please amend this application by adding the following before the first sentence: "This application is a [ ] continuation [ ] continuation-in-part of and claims the benefit of U.S. Provisional Application No. 60/\_\_\_\_\_, filed \_\_\_\_\_, the disclosure of which is incorporated by reference."

Enclosed are:

- 222 page(s) of specification  
 23 page(s) of claims  
 1 page of Abstract  
 24 sheet(s) of [ ] formal  informal drawing(s).  
 35 page(s) of Sequence Listing

ASCII Computer Disk Sequence. Pursuant to 37 CFR 1.821(f) and (g), it is believed that the content of the paper sequence listing and the computer readable sequence listing are the same.

(Col. 1)	(Col. 2)	
FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	179 - 20	= 159
INDEP. CLAIMS	8 - 3	= 5
<input checked="" type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED		

\* If the difference in Col. 1 is less than 0, enter "0" in Col. 2.

SMALL ENTITY		OTHER THAN SMALL ENTITY	
RATE	FEE	RATE	FEE
	\$355.00		\$710.00
x \$9.00 =		x \$18.00 =	\$2,862.00
x \$40.00 =		x \$80.00 =	\$400.00
+ \$135.00 =		+ \$270.00 =	
TOTAL		TOTAL	\$3,972.00

Please charge Deposit Account No. 20-1430 as follows:

- Filing fee  
 Any additional fees associated with this paper or during the pendency of this application.  
 The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b)

A check for \$\_\_\_\_\_ is enclosed.  
 2 extra copies of this sheet are enclosed.

Respectfully submitted,  
 TOWNSEND and TOWNSEND and CREW LLP

Jeffrey J. King  
 Reg No.: 38,515  
 Attorneys for Applicant

## PATENT APPLICATION

### USE OF RECOMBINANT PARAINFLUENZA VIRUSES (PIVs) AS VECTORS TO PROTECT AGAINST INFECTION AND DISEASE CAUSED BY PIV AND OTHER HUMAN PATHOGENS

#### Inventors:

Brian R. Murphy  
a citizen of the United States of America, residing at,  
5410 Tuscarawas Road  
Bethesda, Maryland 20816

Peter L. Collins  
a citizen of the United States of America, residing at,  
12304 Village Square, #401  
Rockville, Maryland 20852

Alexander C. Schmidt, a citizen of United States, residing at,  
1831 Belmont Road #203 NW  
Washington, DC 20009

Anna P. Durbin  
a citizen of the United States of America, residing at,  
806 Hudson Avenue  
Takoma Park, Maryland 20912

Mario H. Skiadopoulos  
a citizen of the United States of America, residing at  
8303 Aqueduct Road  
Potomac, Maryland 20854

Tao Tao  
a citizen of the United States of America, residing at,  
10684 Weymouth Street, #104  
Bethesda, Maryland 20814

Entity: Large

TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, 8<sup>th</sup> Floor  
San Francisco, California 94111-3834  
Tel: 206-467-9600